

Appl. No. 09/397,455

Attorney Docket: 042390.P6764

**LISTING OF THE CLAIMS:**

This listing of claims replaces all prior versions, and listings, of claims in the application:

- 1 1. (Previously Presented) A method comprising:
  - 2 reading from a software module embedding one of a set of key associated with a trusted
  - 3 source;
  - 4 determining whether a key is traceable to one of the set of keys;
  - 5 determining whether the key is identified in a list of compromised keys; and
  - 6 if the key is not identified as compromised and is traceable to one of the keys in the set,
  - 7 assigning the key a trusted status.
- 1 2. (Original) The method of claim 1 further comprising:
  - 2 verifying the integrity of a document comprising the key and the list of compromised
  - 3 keys.
- 1 3. (Cancelled)
- 1 4. (Original) The method of claim 1 in which determining whether the key is traceable to one of
  - 2 the set of keys further comprises:
  - 3 tracing the key through a certificate chain to one of the keys in the set of keys.
- 1 5. (Original) The method of claim 1 further comprising:
  - 2 associating a document comprising the key and the set of keys with a software module
  - 3 comprising the set of keys using a hash of the software module in the document.

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1 6. (Original) The method of claim 2 in which the document is a manifest signed by the key.

1 7. (Original) The method of claim 1 in which determining whether the key is identified in the list  
2 of compromised keys further comprises:  
3 searching the list of compromised keys for the key.

1 8. (Original) A method comprising:  
2 producing a document comprising an identification of a software module and a list of  
3 compromised keys; and  
4 digitally signing the document using a key traceable to one of a set of keys comprised by  
5 the software module.

1 9. (Original) The method of claim 8 in which the identification of the software module comprises  
2 a hash value of the software module.

1 10. (Original) The method of claim 8 in which the key is traceable to one of the set of keys  
2 comprised by the software module by way of a certificate chain.

1 11. (Original) The method of claim 8 further comprising:  
2 making the document available on a communication network by which computer systems  
3 comprising the software module may read the document.

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1 12. (Original) The method of claim 8 in which the set of keys is embedded within the software  
2 module.

1 13. (Original) A device comprising:  
2 a processor;  
3 a machine-readable storage medium coupled to the processor by way of a bus, the storage  
4 medium storing instructions which, when executed by the processor, cause the device to  
5 determine whether a key is traceable to one of a set of keys associated with a trusted source;  
6 determine whether the key is identified in a list of compromised keys; and  
7 if the key is not identified as compromised and is traceable to one of the keys in the set,  
8 assign the key a trusted status.

1 14. (Original) The device of claim 13 in which the instructions, when executed by the device,  
2 further cause the device to:  
3 verify the integrity of a document comprising the key and the list of keys.

1 15. (Original) The device of claim 13 further comprising a software module comprising the list  
2 of keys.

1 16. (Original) The device of claim 13 in which the instructions, when executed by the device,  
2 further cause the device to:  
3 trace the new key through a certificate chain to one of the keys in the set of keys.

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1 17. (Original) A device comprising:  
2 a processor;  
3 a machine-readable storage medium coupled to the processor by way of a bus, the storage  
4 medium storing instructions which, when executed by the processor, cause the device to:  
5 produce a document comprising an identification of a software module and a list of  
6 compromised keys; and  
7 digitally sign the document using a key traceable to one of a set of keys comprised by the  
8 software module.

1 18. (Original) The device of claim 17 in which the identification of the software module  
2 comprises a hash value of the software module.

1 19. (Original) The device of claim 17 in which the key is traceable to one of the set of keys  
2 comprised by the software module by way of a certificate chain.

1 20. (Previously Presented) An article comprising a machine-readable medium having stored  
2 thereon instructions which, when executed by a processor, result in:  
3 reading from a software module embedding one of a set of key associated with a trusted  
4 source;  
5 determining whether a key is traceable to one of the set of keys;  
6 determining whether the key is identified in a list of compromised keys; and  
7 if the key is not identified as compromised and is traceable to one of the trusted keys,  
8 assigning the key a trusted status.

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1 21. (Original) The article of claim 20 in which the instructions, when executed by the processor,  
2 further result in:  
3 verifying the integrity of a document comprising the key and the list of keys.

1 22. (Original) The article of claim 20 further comprising a software module embedding the set of  
2 keys associated with the trusted source.

1 23. (Previously Presented) The article of claim 20 in which the sequence of instructions, when  
2 executed by the processor, further result in:  
3 tracing the key through a certificate chain to one of the keys in the set of keys.

1 24. (Original) An article comprising a machine-readable medium having stored thereon  
2 instructions which, when executed by a processor, result in:  
3 producing a document comprising an identification of a software module and a list of  
4 compromised keys; and  
5 digitally signing the document using a key traceable to one of a set of keys comprised by  
6 the software module.

1 25. (Original) The article of claim 24 in which the identification of the software module  
2 comprises a hash value of the software module.

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- 1 26. (Original) The article of claim 24 in which the key is traceable by way of a certificate chain
- 2 to one of the set of keys embedded in the software module.